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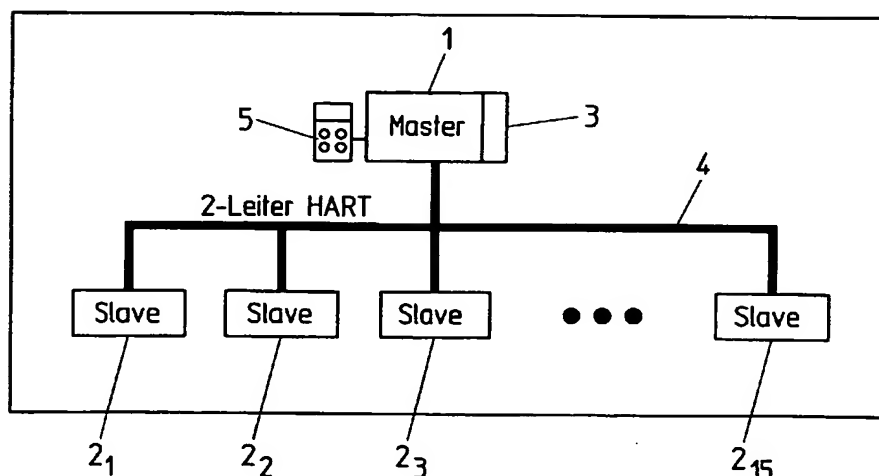
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(54) Title: **METHOD AND SYSTEM FOR AUTOMATED CONFIGURING OF A HART MULTI-DROP SYSTEM**



(57) Abstract: The invention relates to a method of automatically configuring a HART multidrop system comprising a master device (1) and a plurality of slave devices (2₁, ... , 2₁₅) connected to said master device (1). The invention also relates to a HART multidrop system customized for the implementation of the method according to the present invention. The method according to the present invention has the following steps: a) connecting the slave devices (2₁, ... , 2₁₅) to the master device (1), b) switching on the power source (3) for the slave devices (2₁, ... , 2₁₅) in the master device (1); c) transmitting the HART command "Write polling address" as a broadcast command from the master device (1) with a polling address not equal to zero causing all slave devices (2₁, ... , 2₁₅) connected to the master device (1) to be automatically switched to the multidrop mode and all slave devices (2₁, ... , 2₁₅) to obtain an identical address not equal to zero, d) changing the addresses for all slave devices (2₁, ... , 2₁₅) from an identical address to a unique address for each slave device (2₁, ... , 2₁₅).

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